

Patent

Docket No: 57028US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

WALKER, Christopher; LAUMER, James W. and Group Art Unit: 2839

MARKLUND, Jesper K.

Serial No.: 09/973,635

Filed: 10/09/2001

Examiner: DUVERNE, Jean F.

For: SMALL DIAMETER, HIGH STRENGTH OPTICAL FIBER

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on:

Date 12-17-02

Signature *Jessie Thompson*RESPONSE UNDER 37 C.F.R. § 1.111Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Official Action dated October 23, 2002, and having a shortened statutory period for reply set to expire on January 23, 2003, please enter the amendment and consider the remarks included below.

AMENDMENTIn the Claims:

Please add new claim 21 as follows:

21. A single small diameter coated optical fiber comprising:
- a silica cladding; and
 - a coating applied to said cladding to provide said small diameter coated optical fiber having a diameter from about 120 microns to about 150 microns, said small diameter coated optical fiber further having a relative frequency distribution of at least about 85% to show consistency of mechanical strength measured as dynamic fatigue in a range between about $49.2 \times 10^3 \text{ kg/cm}^2$ and about $63.3 \times 10^3 \text{ kg/cm}^2$.

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